

Appl. No. 10/709,028  
Amtd. dated December 30, 2004  
Reply to Office action of October 06, 2004

**REMARKS**

No amendments are made. The claims are listed in the previous section only for the Examiner's convenience.

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**1. Rejection of claims 1, 6-11, and 13 under 35 U.S.C. 102 (b) as being anticipated by Asprey (US 5,299,306):**

The applicant notes that in the text of the rejection the  
10 Examiner appears to reference the two peripheral devices 160,  
170 inconsistently. For example, lines 5-6 of page 2 of the  
"Detailed Action" recite "power pins (122 attached to 136 & 138)  
for connecting to a USC port (126) of a **second peripheral device**  
**(170)**". This does not make sense, since for example lines 10-12  
15 of page 2 recite "power pins (122 attached to 136 & 138)...for  
providing power to **the first peripheral device (160)**," and since  
Fig.1 of Asprey clearly shows that the line 136 does not connect  
to the monitor 170. This does not cause significant confusion  
in understanding the rejection, the applicant simply wants to  
20 point out that there appears to be a typographical error(s).

Asprey teaches that power (+5V, GND) and signal (CLK, DTA)  
are provided to one peripheral device (keyboard) 160, and only  
signals, i.e. horizontal sync (HOR), vertical sync (VER), video  
25 (VID), and intensity (INT), are provided to another peripheral  
device (monitor) 170.

Claims 1 recites "data connection end...[for] providing  
communication between the first peripheral device and the  
30 computer," the term "communication between" clearly meaning

Appl. No. 10/709,028  
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two-way data transfer. Claim 9 recites a similar limitation in different terms.

5        However, in Asprey, the only two-way data transfer that is possible is over the lines CLK, DTA. That is, the monitor lines HOR, VER, VID, INT cannot be compared to the data connection end of claim 1 since they are only one-way data lines (computer to  
10        of the data connection end recited in claims 1 and 9, only the keyboard 160 has lines that are comparable. Thus to sustain this rejection, the monitor 170 lines HOR, VER, VID, INT must somehow provide power, which they clearly do not. Accordingly, the applicant contends that this rejection should be withdrawn.

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      Claims 7 and 10 require that both the power connection end/port and the data connection end/port be adapted to provide power. Since the monitor 170 is not connected to the power lines (+5V, GND) of the cable 110 and since the monitor lines HOR, VER,  
20        VID, INT are clearly signal lines, Asprey does not teach or suggest providing power to both the keyboard 160 and the monitor 170. Moreover, conventional monitors usually have a completely separate power cable. Thus, claims 7 and 10 should not stand rejected under 35 U.S.C. 102 given this art.

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      Generally power and signal lines can differ in wire gauge, shielding, pairing, and end connection. Simply designating a power line to be a signal line or vice versa does not adequately address these differences and/or resulting problems.

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Neglecting the specific devices connected to the ends of the cable or connection module, some key differences between the cited art and claims are summarized in the table below (P = Power,  
 5 S = Signal, \* one-way signal connection).

	Host End	First End	Second End
<b><u>Asprey</u></b>	P, S	S*	P, S
<b>Claims 1, 9</b>	P, S	S	P
<b>Claims 7, 10</b>	P, S	P, S	P

Reconsideration of claims 1, 6-11, and 13 is respectfully requested in view of the above arguments. Claims 6-8, 10, 11,  
 10 and 13 are dependant and should be allowed if the corresponding independent claims are found allowable.

**2. Rejection of claims 2-5, 12, and 14-15 under 35 U.S.C. 103(a) as being unpatentable over Asprey in view of Applicant's own  
 15 Admission of Prior Art (AOAPA):**

Reconsideration of claims 2-5, 12, and 14-15 is respectfully requested in view of the arguments made for claims 1, 7, 9, and 10 in Item 1 above. Claims 2-5, 12, and 14-15 are dependant and  
 20 should be allowed if the corresponding independent claims are found allowable.

Appl. No. 10/709,028  
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Sincerely yours,

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